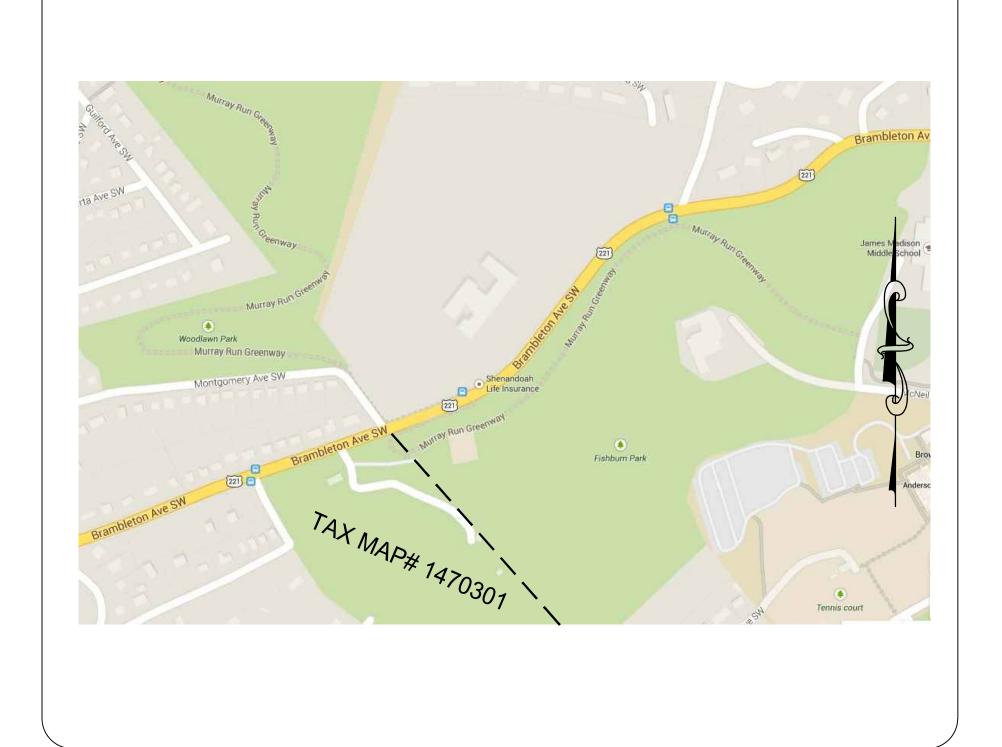
## PROJECT LOCATION MAPS





OFFICE OF THE CITY ENGINEER 215 CHURCH AVENUE, SW ROOM 350

ROANOKE, VIRGINIA 24011-1587
PHONE: (540) 853-2731
FAX: (540) 853-1364
ENGINEER@ROANOKEVA.GOV

PROJECT NAME

# ROANOKE CITY PARK IMPROVEMENTS

FISHBURN PARK WEST - TOILETS
CONSTRUCTION DESIGN DOCUMENTS
MARCH 6, 2015

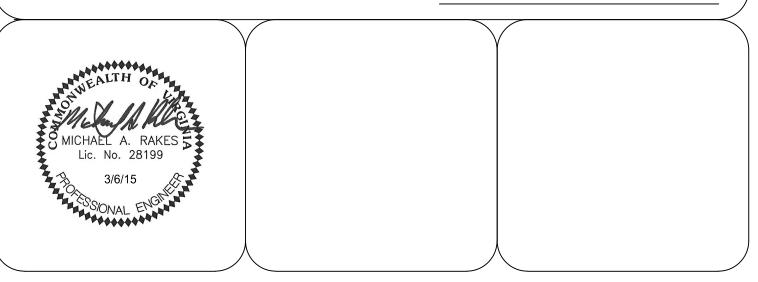
PLAN NUMBER:

## CONSULTING ENGINEERS



SPECTRUM DESIGN architects | engineers

COMMISSION NUMBER: 14043



## APPROVED FOR CONSTRUCTION

ASSISTANT CITY MANAGER FOR COMM. DEV.

DATE

DIRECTOR OF PARKS AND RECREATION

DATE

PARKS AND GREENWAY PLANNER

DATE

## INDEX OF SHEETS

#### **GENERAL**

G000 COVER SHEET

<u>CIVI</u>

C101 EXISTING CONDITIONS & DEMOLITION PLAN

DIMENSIONAL & UTILITY PLAN

DETAILS

#### OWNER:

ROANOKE PARKS & RECREATION 215 CHURCH AVENUE, SW ROOM 303

ROANOKE, VIRGINIA 24011-1587 PHONE: (540) 853-2236

#### CITY CONSTRUCTION PROCEDURE REQUIREMENTS

- RIGHT-OF-WAY EXCAVATION PERMIT PRIOR TO THE COMMENCEMENT OF ANY DIGGING, ALTERATION OR CONSTRUCTION WITHIN THE PUBLIC RIGHT-OF-WAY (STREETS, ALLEYS, PUBLIC EASEMENTS), A RIGHT-OF-WAY EXCAVATION PERMIT SHALL BE APPLIED FOR AND OBTAINED BY THE CONTRACTOR FROM THE CITY OF ROANOKE.
- 2. LAND DISTURBANCE PERMIT AN APPROVED EROSION AND SEDIMENT CONTROL PLAN FOR ANY BORROW/FILL SITES ASSOCIATED WITH THE PROJECT MUST BE SUBMITTED PRIOR TO THE ISSUANCE OF A LAND DISTURBANCE PERMIT.
- 3. PLANS AND PERMITS A COPY OF THE PLANS AS APPROVED BY THE CITY (SIGNED BY THE PROPER CITY OFFICIALS) AND ALL PERMITS ISSUED BY THE CITY SHALL BE AVAILABLE AT THE CONSTRUCTION SITE AT ALL TIMES OF ONGOING CONSTRUCTION.
- 4. LOCATION OF UTILITIES THE CONTRACTOR SHALL VERIFY THE LOCATION OF ALL EXISTING UTILITIES PRIOR TO THE COMMENCEMENT OF ANY
- . CONSTRUCTION ENTRANCE THE CONTRACTOR SHALL INSTALL AN ADEQUATE CONSTRUCTION ENTRANCE FOR ALL CONSTRUCTION RELATED EGRESS FROM THE SITE. SIZE AND COMPOSITION OF CONSTRUCTION ENTRANCE SHALL BE AS SHOWN ON THE PLANS.
- 6. STREETS TO REMAIN CLEAN IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO INSURE THAT THE PUBLIC STREET ADJACENT TO THE
- CONSTRUCTION ENTRANCE REMAINS FREE OF MUD, DIRT, DUST, AND/OR ANY TYPE OF CONSTRUCTION MATERIALS OR LITTER AT ALL TIMES.
- . BARRICADES/DITCHES THE CONTRACTOR SHALL MAINTAIN THE INTEGRITY OF ALL EXCAVATED DITCHES AND SHALL FURNISH AND ENSURE THAT ALL BARRICADES PROPER AND NECESSARY FOR THE SAFETY OF THE PUBLIC ARE IN PLACE.
- . SEWER AND PAVEMENT REPLACEMENT CONSTRUCTION OF SANITARY SEWERS AND THE REPLACEMENT OF PAVEMENT SHALL BE IN ACCORDANCE WITH APPROVED STANDARDS AND SPECIFICATIONS OF THE CITY OF ROANOKE AND THE WESTERN VIRGINIA WATER AUTHORITY
- APPROVED PLANS/CONSTRUCTION CHANGES ANY CHANGE OR VARIATION FROM CONSTRUCTION DESIGN AS SHOWN ON THE OFFICIALLY APPROVED PLANS SHALL BE APPROVED BY THE EROSION AND SEDIMENT CONTROL AGENT PRIOR TO SAID CHANGES OR VARIATION IN CONSTRUCTION BEING MADE.
- 10. FINAL ACCEPTANCE/CITY THE OWNER OR DEVELOPER SHALL FURNISH THE CITY OF ROANOKE'S PLANNING BUILDING AND DEVELOPMENT DEPARTMENT WITH A FIELD SURVEYED FINAL CORRECT SET OF AS—BUILT PLANS OF THE NEWLY CONSTRUCTED STORM RAIN AND/OR STORMWATER MANAGEMENT FACILITIES PRIOR TO FINAL ACCEPTANCE AND ISSUANCE OF A CERTIFICATE OF OCCUPANCYBY E CITY. AS—BUILT PLANS SHALL BE PROVIDED IN THE STATE PLANE VIRGINIA SOUTH COORDINATE SYSTEM, NAD 1983, FIPS 4502 FEET, US SURVEY FEET, DATUM NA 83, IN THE FORM OF 1 PAPER COPY AND 1 DIGITAL AUTOCAD FILE.



GENERAL NOTES

- SALVAGE USABLE STONE AND STORE ON SITE ON PALLETS AT LOCATION NOTED ON SHEET C102. "USABLE STONE" IS DEFINED AS UNDAMAGED, UNCONTAMINATED WITH DEBRIS, AND IN GOOD ENOUGH PHYSICAL AND AESTHETIC CONDITION TO BE USED WITH LITTLE PREPARATION.
  FILL & GRADE, SEED & MULCH AREA TO MATCH
- EXISTING AFTER BUILDING REMOVAL. CAP ALL UTILITIES IN ACCORDANCE WITH UTILITY OWNER'S GUIDELINES.
- THE LOCATION OF EXISTING UTILITIES, INCLUDING UNDERGROUND UTILITIES, IS INDICATED ON THE DRAWINGS INSOFAR AS THEIR EXISTENCE AND LOCATION WERE KNOWN AT THE TIME OF THE PREPARATION OF THE DRAWINGS. HOWEVER, NOTHING IN THESE CONTRACT DOCUMENTS SHALL BE CONSTRUED AS A GUARANTEE THAT SUCH UTILITIES ARE IN THE LOCATION INDICATED OR THAT THEY ACTUALLY EXIST, OR THAT OTHER UTILITIES ARE NOT WITHIN THE AREA OF OPERATIONS. THE CONTRACTOR SHALL MAKE ALL NECESSARY INVESTIGATIONS TO DETERMINE THE EXISTENCE AND LOCATIONS OF SUCH UTILITIES. THE CONTRACTOR SHALL PAY FOR ANY DAMAGE TO AND FOR ANY MAINTENANCE AND PROTECTION OF EXISTING UTILITIES AND STRUCTURES.
- ALL EXISTING UTILITIES TO REMAIN IN PLACE UNLESS OTHERWISE NOTED. COORDINATE WITH UTILITY SERVICE COMPANY PRIOR TO PERFORMING DEMOLITION WORK.
- THE CONTRACTOR SHALL CONTACT "MISS UTILITY" (1-800-552-7001) 48 HOURS PRIOR TO WORKING IN THE VICINITY OF THE EXISTING UTILITIES.



10 CHURCH AVE SE, PLAZA SUITE 1 ROANOKE, VIRGINIA 24011 540.342.6001

# ROANOKE CITY PARK IMPROVEMENTS

## NEW TOILET FACILITIES

SPECTRUM DESIGN PROJECT NO. 14043

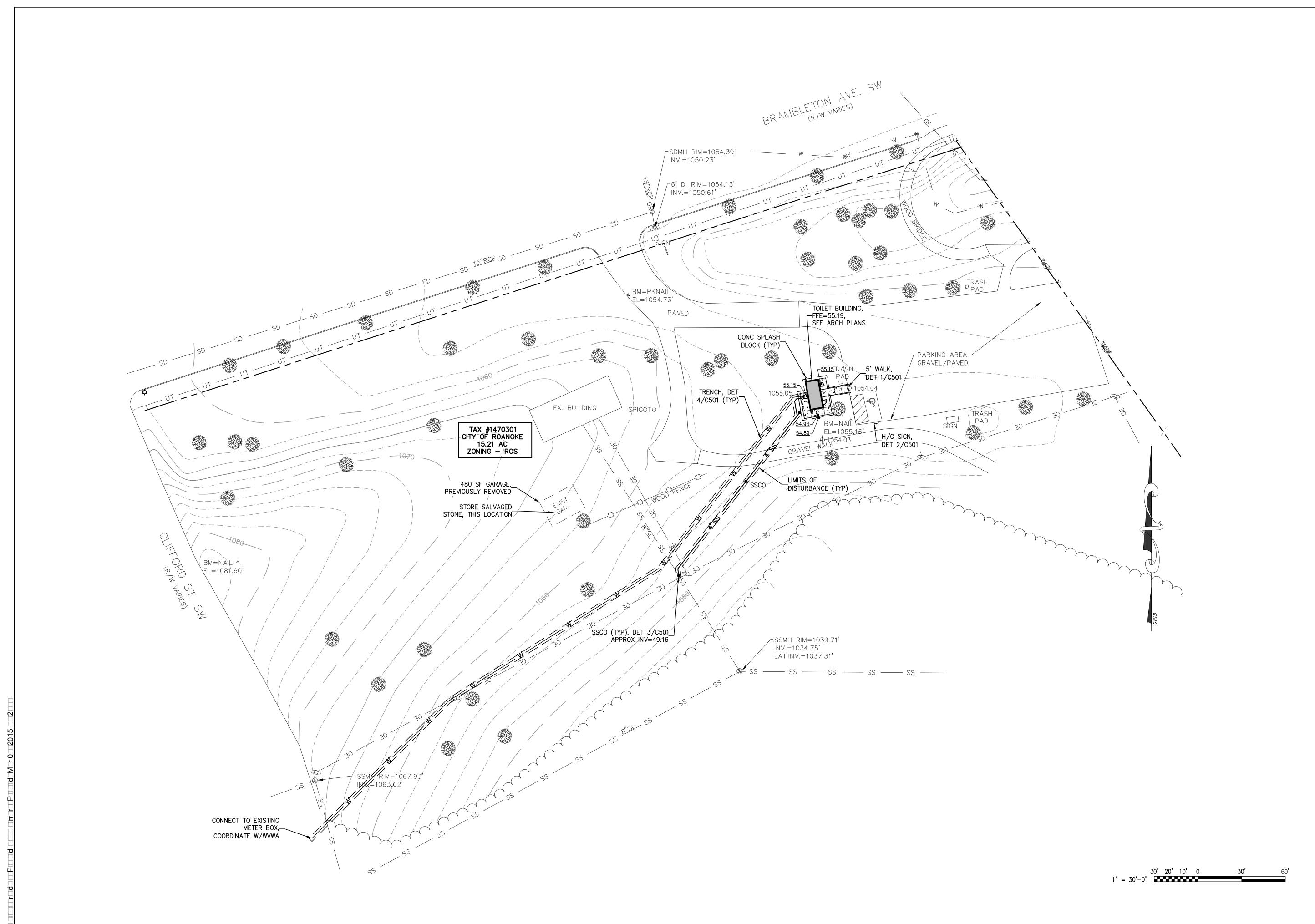


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SHEET TITLE

FISHBURN PARK WEST -EXISTING CONDITIONS & DEMOLITION PLAN

C101



**GENERAL NOTES** 

AS SHOWN.

- DISTURBED AREA = 647 SF (BUILDING); TEMPORARILY DISTURBED AREA 1842 SF (UTILITIES). NEW IMPERVIOUS AREA = 516 SF REMOVED GARAGE AREA - (480) SF
- REMOVED TOILET BUILDING AREA (580) SF NEW IMPERVIOUS AREA = - (544) SF. 3. ALL SITE LAYOUT SHALL BE PERFORMED BY A LICENSED SURVEYOR UTILIZING AN ELECTRONIC COPY
- OF THE PLANS. DIMENSIONS PROVIDED ARE FOR GENERAL LOCATION PURPOSES ONLY. 4. PROVIDE 1/2" EXPANSION JOINT BETWEEN ALL FLATWORK EDGES AND BUILDINGS AND AT APPROXIMATELY 30' SPACING. ALLOW 1/2" AT TOP FOR SEALANT. PROVIDE SCORE JOINTS ELSEWHERE
- UTILITIES SHALL BE UNDERGROUND IN ACCORDANCE WITH CITY CODE SECTION 36.2-610.
- SANITARY SEWER LATERALS SHALL BE INSTALLED AT 2.0% MINIMUM SLOPE.
- WORK WITHIN RIGHT-OF-WAY SHALL BE PERFORMED PER THE CITY OF ROANOKE RIGHT-OF-WAY EXCAVATION AND RESTORATION STANDARDS.
- PERMANENT OR TEMPORARY SOIL STABILIZATION SHALL BE APPLIED TO DENUDED AREAS WITHIN SEVEN (7) DAYS AFTER FINAL GRADE IS REACHED ON ANY PORTION OF THE SITE. TEMPORARY SOIL STABILIZATION SHALL BE APPLIED WITHIN SEVEN (7) DAYS TO DENUDED AREAS THAT MAY NOT BE AT FINAL GRADE BUT WILL REMAIN DORMANT FOR LONGER THAN THIRTY (30) DAYS. PERMANENT STABILIZATION SHALL BE APPLIED TO AREAS THAT ARE TO BE LEFT DORMANT FOR MORE THAN ONE

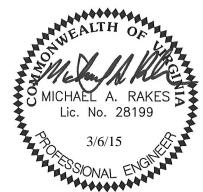


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## ROANOKE CITY PARK IMPROVEMENTS

## NEW TOILET **FACILITIES**

SPECTRUM DESIGN PROJECT NO. 14043

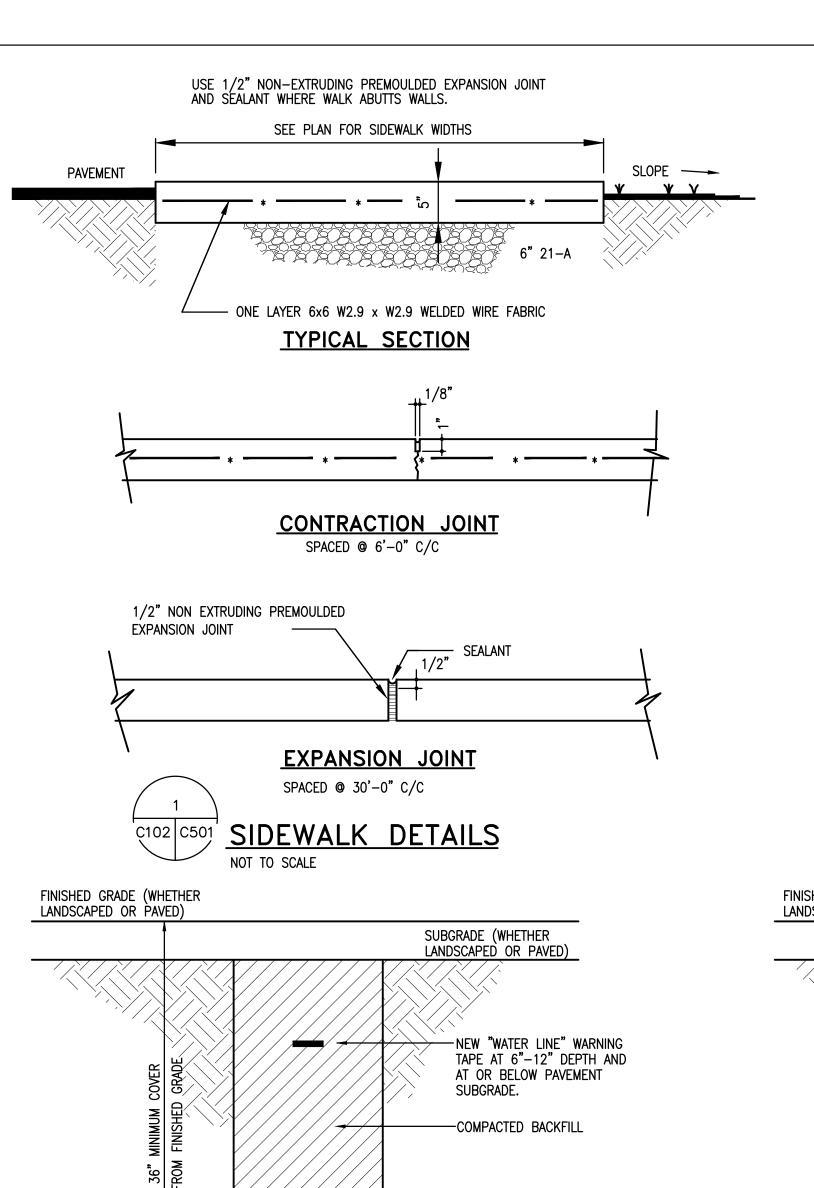


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FISHBURN PARK WEST-DIMENSIONAL & UTILITY PLAN

C102



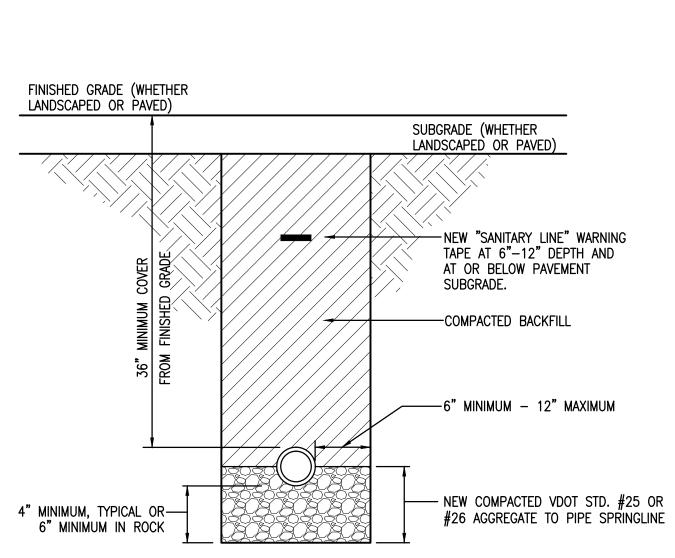
NEW WATER LINE TRENCH SECTION

UNLESS DEFINED ELSEWHERE BY SPECS (BOUND OR ON PLAN SHEETS), BACKFILL

SHALL BE AS APPROVED BY THE GEOTECHNICAL ENGINEER.

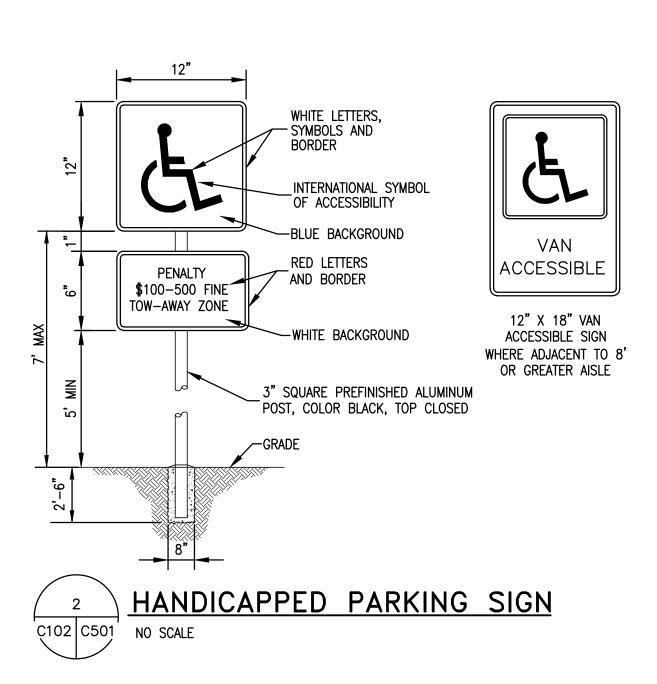
-6" MINIMUM - 12" MAXIMUM

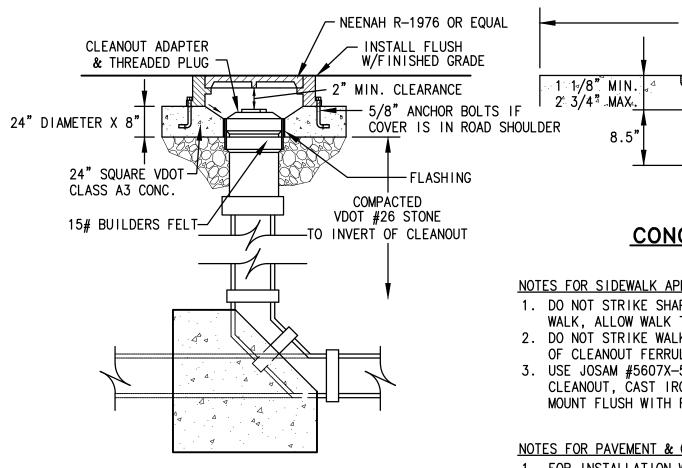
NEW COMPACTED VDOT STD. #25 OR #26 AGGREGATE TO PIPE SPRINGLINE





UNLESS DEFINED ELSEWHERE BY SPECS (BOUND OR ON PLAN SHEETS), BACKFILL SHALL BE AS APPROVED BY THE GEOTECHNICAL ENGINEER.





TRAFFIC BEARING OR GRASS

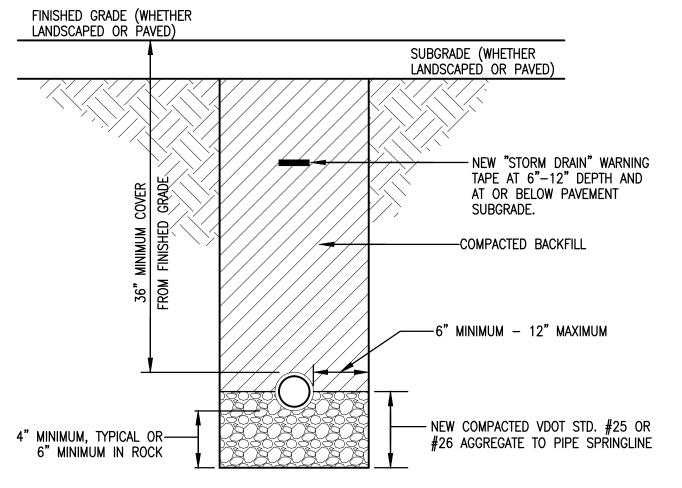
- SIDEWALK SIZE **CONCRETE WALK** NOTES FOR SIDEWALK APPLICATIONS: 1. DO NOT STRIKE SHAPE OF COLLAR WITHIN CONC WALK, ALLOW WALK TO BE COLLAR. 2. DO NOT STRIKE WALK JOINT THRU OR WITHIN 5" OF CLEANOUT FERRULE. 3. USE JOSAM #5607X-5 (X=pipe size) SERIES CLEANOUT, CAST IRON WITH DUCTILE IRON TOP, MOUNT FLUSH WITH FINISHED GRADE.

> NOTES FOR PAVEMENT & GRASS APPLICATIONS: 1. FOR INSTALLATION WITHIN EXISTING PAVEMENT,

PATCH SHALL MATCH EXISTING PAVEMENT SECTION UNLESS PRIME AND SEAL THEN USE SM-9.5A PATCH (3" MIN).

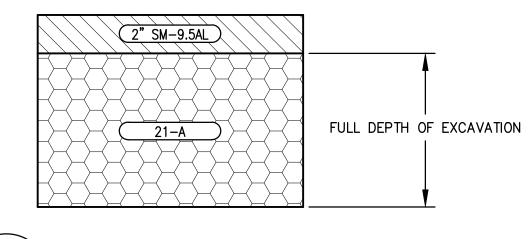
2. PVC CLÈANOUT WITH 10" NEENAH R-1976 TRAFFIC BEARING CLEANOUT FRAME AND COVER, OR APPROVED EQUAL.

**CLEANOUT DETAIL** C102 C501 NO SCALE

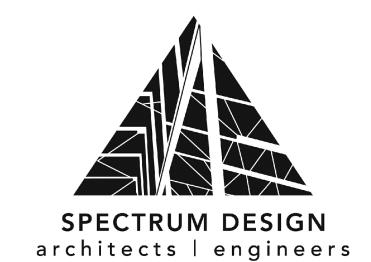


NEW STORM LINE TRENCH SECTION NO SCALE

UNLESS DEFINED ELSEWHERE BY SPECS (BOUND OR ON PLAN SHEETS), BACKFILL AND SELECT BACKFILL SHALL BE AS APPROVED BY THE GEOTECHNICAL ENGINEER.



PAVEMENT PATCH C102 C501 NO SCALE



**GENERAL NOTES** 

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#### ROANOKE CITY PARK IMPROVEMENTS

## NEW TOILET **FACILITIES**

SPECTRUM DESIGN PROJECT NO. 14043



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□ MARCH □2015

REVISIONS

NUM□ER

FISHBURN PARK WEST-DETAILS

C501

4" MINIMUM, TYPICAL OR— 6" MINIMUM IN ROCK

NO SCALE

`C102 C501